

DETAILED ACTION

Examiner's Amendment

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

2. Authorization for this examiner's amendment was given in a telephone interview with Gordon R. Lindeen III on September 25, 2006.

3. The application's claim has been amended as follows:

SH → 10/11/06 Claims 33, 35 and 37, line 1, "^{The}~~An~~ apparatus of claim 11" has been amended as –
An apparatus of claim 7--.

SH → 11/1/06 Claim 38, line 1, "^{The}~~An~~ apparatus of claim 11" has been amended as –An
apparatus of claim 10--.

Reason For Allowance

4. Claims 7-10, 12-14, 16-20, 22, 24-29, 32-41 and 43 are allowed.

5. Following is an examiner's statement of reasons for allowance:

The prior art taken either singularly or in combination fails to anticipate or fairly suggest the limitations of the independent claim(s), in such a manner that a rejection under 35 U.S.C. 102 or 103 would be proper. The prior art fails to teach a combination of all the claimed features as presented in independent claims 1, 13, 20 and 28, which include (claim 7) substrate having an array of through holes, the through holes being transparent to visible light and an optical overlayer proximate the array of optical